



**NATIONAL
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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr. Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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AGRICULTURAL NEWS: The State received much needed rains this past week, which benefited the emerging crops. Temperatures broke the trend this past week and were below normal, with temperatures averaging 71 degrees, 2 degrees below normal, and 8 degrees cooler than the previous week. Rainfall totals were above normal with the State receiving 2.24 inches this past week. **Topsoil moisture** was rated 1 percent very short, 16 percent short, 74 percent adequate and 9 percent surplus. **Subsoil moisture** was rated 1 percent very short, 12 percent short, 78 percent adequate, and 9 percent surplus. Days suitable for fieldwork averaged 4.9 out of a possible 7. Major farming activities included planting soybeans, setting tobacco, cutting hay, and harvesting wheat.

ROW CROPS: **Corn** planting was 99 percent complete as of Sunday June 19. Ninety-seven percent of corn planted had emerged, compared with 100 percent a year ago and 99 percent for the five year average. Emerged corn condition was rated 1 percent very poor, 2 percent poor, 24 percent fair, 58 percent good, and 15 percent excellent. **Soybean** planting advanced to 77 percent complete, still behind last year's 84 percent and the five year average of 82. Soybeans emerged was reported at 63 percent, trailing last year's 79 percent and the five year average of 75 percent. The average soybean height was reported at 5 inches, behind last year's 7 inches and the five year average of 6 inches. The emerged soybean conditions were rated as 1 percent poor, 19 percent fair, 68 percent good, and 12 percent excellent.

TOBACCO: **Burley** set reached 87 percent complete by the end of the week, compared with 94 percent last year and the five year average of 91 percent. **Dark tobacco** was 90 percent set, compared with 94 percent last year and 92 for the average. Tobacco set condition was 1 percent very poor, 2 percent poor, 28 percent fair, 56 percent good, and 13 percent excellent. Eighty-two percent of tobacco plants in the field were under 12 inches in height, with 15 percent between 12-24 inches in

height, and 3 percent of the set tobacco was over 24 inches in height.

SMALL GRAINS: As of June 19, 40 percent of the wheat had been harvested, compared to 32 percent last year and 33 percent for the five year average. The condition of **winter wheat** was reported as 1 percent very poor, 2 percent poor, 15 percent fair, 63 percent good, and 19 percent excellent. Wheat harvest was well underway with generally good yields reported.

OTHER CROPS AND PASTURE: Cutting and baling hay is underway with the average hay yields remaining lower than expected in many areas of Kentucky. **Pastures** improved slightly with conditions reported as 1 percent very poor, 5 percent poor, 29 percent fair, 55 percent good, and 10 percent excellent.

CROP PROGRESS for week ending 06/19/11

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
		Percent		
Corn Planted	99	97	100	100
Corn Emerged	97	87	100	99
Soybeans Planted	77	65	84	82
Soybeans Emerged	63	40	79	75
Wheat Harvested	40	10	32	33
Burley Tobacco Set	87	76	94	91
Dark Tobacco Set	90	83	94	92

SOIL MOISTURE for week ending 06/19/11

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	1	16	74	9
Subsoil	1	12	78	9

CROP CONDITIONS for week ending 06/19/11

Crop	Very Poor	Poor	Fair	Good	Ex
	Percent				
Corn	1	2	24	58	15
Soybeans	0	1	19	68	12
Winter Wheat	1	2	15	63	19
Pasture	1	5	29	55	10
Tobacco Set	1	2	28	56	13

KENTUCKY WEATHER SUMMARY, JUNE 13 - 19, 2011:

Much above normal rainfall and cooler than normal temperatures:

Much needed rainfall returned to the Bluegrass state last week as a stalled low pressure system and associated fronts slowly meander through the Ohio Valley. After several weeks of drier than normal weather and hot conditions, most locations received ample rain to renew the somewhat stalled growing season across the state. Showers and thunderstorms were scattered at mid-week and more widespread during the weekend. Last week's cooler than normal temperatures also broke a three-week spell of warmer than normal conditions.

Temperatures for the period averaged 71 degrees across the state which was 2 degrees cooler than normal and 8 degrees cooler than the previous period. High temperatures averaged from 84 in the West to 78 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to 5 degrees cooler than normal in the East. Low temperatures averaged from 65 degrees in the West to 60 degrees in the East. Departure from normal low temperature ranged from 1 degree warmer than normal in the West to 1 degree warmer than normal in the East. The extreme high temperature for the period was 95 degrees at Mayfield and the extreme low was 49 degrees at Morehead.

Precipitation (liq. equ.) for the period totaled 2.24 inches statewide which was 1.24 inches above normal and 223% of normal. Precipitation totals by climate division, West 2.59 inches, Central 2.88 inches, Bluegrass 1.85 inches and East 1.65 inches, which was 1.62, 1.88, 0.83 and 0.63 inches above normal. By station, precipitation totals ranged from a low of 0.36 inches at Pikeville to a high of 5.00 inches at Fort Knox.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, JUNE 19, 7:00 P.M.

Weather Station	Rainfall			Dev. From		Air Temperature				Growing Degree Days		
	=====			=====		=====				=====		
	Since Last			Norm Norm		Dev.				Since Dev.		
	Last	April	Four	Since	Last	Wkly. From				Last	Apr	Since
	Week	1	Wks.	Apr 1	4 Wks.	Hi	Lo	Avg.	Norm	Week	1	Apr 1
=====												
	(Inches)			(Degrees F)								
Bardstown	4.98	28.82	7.43	+18.15	+3.81	85	57	71.1	-3	145	1295	+112
Berea	1.73	16.95	3.42	+5.38	-0.48	86	51	68.7	-4	130	1215	+1
Bowling Gree	2.84	21.29	6.40	+9.39	+2.32	87	63	74.2	+1	167	1444	+211
Bristol	1.59	12.45	3.21	+3.01	-0.16	88	51	71.5	-1	148	1330	+227
Buckhorn Lak	2.17	20.25	7.18	+9.76	+3.36	82	51	67.4	-5	122	1176	+111
Cape Girarde	3.59	32.02	5.34	+20.20	+1.64	94	58	75.9	+0	172	1375	+92
Campbellsvil	2.66	21.96	3.99	+9.40	-0.15	85	56	70.5	-3	143	1253	+58
Covington	1.27	26.54	8.75	+16.08	+5.08	87	54	69.4	-3	133	1165	+111
Cumberland G	2.82	17.66	5.94	+6.07	+1.85	85	53	69.1	-4	132	1295	+211
Dix Dam	1.77	20.49	3.49	+9.21	-0.21	87	54	70.5	-2	142	1243	+60
Evansville	4.16	24.55	7.31	+13.57	+3.72	88	59	73.3	-2	160	1341	+138
Glasgow	2.24	19.03	4.40	+6.51	+0.02	84	61	71.9	-2	151	1346	+192
Grayson	0.70	18.85	2.36	+8.53	-1.31	85	49	67.9	-5	124	1167	+163
Hardinsburg	3.60	28.73	6.61	+17.15	+2.80	85	58	71.1	-2	147	1284	+51
Henderson	2.88	23.30	4.94	+12.09	+1.22	87	60	72.7	-3	158	1352	+119
Huntington	0.45	19.83	3.03	+9.63	-0.55	88	52	71.4	-1	147	1300	+216
Jackson	1.02	19.37	4.36	+8.37	+0.64	85	55	69.1	-4	131	1279	+214
Lexington	2.04	21.63	4.53	+10.96	+0.91	85	52	70.0	-3	137	1209	+136
London	2.16	19.25	5.49	+8.78	+1.96	83	53	68.4	-4	128	1259	+175
Louisville	2.57	24.81	5.89	+13.77	+2.36	88	61	74.1	+0	165	1445	+242
Mayfield	1.98	22.52	3.50	+10.33	-0.09	95	56	75.4	-0	165	1413	+119
Nashville	2.72	14.64	3.98	+3.13	+0.30	88	59	72.9	-1	158	1395	+82
Nolin Lake	2.82	27.80	5.57	+15.31	+1.50	84	59	70.8	-3	144	1276	+131
Paducah	2.80	27.64	3.90	+15.13	-0.10	94	57	75.8	+0	171	1430	+147
Princeton	2.23	25.66	4.17	+13.46	+0.29	92	60	74.1	-1	163	1383	+120
Quicksand	0.53	20.26	4.13	+9.26	+0.41	86	48	67.0	-6	121	1256	+191
Somerset	2.94	19.29	4.97	+7.18	+0.81	83	53	68.7	-4	129	1215	+51
Spindletop	1.50	20.79	3.87	+10.12	+0.25	86	54	70.7	-2	142	1197	+124
Williamstown	1.82	24.30	6.88	+13.35	+3.21	86	54	69.1	-4	132	1160	+87

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>